

LOWER COLORADO RIVER BASIN-LAKE MEAD, WHITE RIVER BASIN

09415515 WATER CANYON CREEK NEAR PRESTON, NV

LOCATION.--Lat 38°59'16", long 114°57'27" referenced to North American Datum of 1927, in SW 1/4 NW 1/4 sec. 13, T.13 N., R.62 E., White Pine County, Hydrologic Unit 15010011, on right bank, and 7 mi northeast of Preston.

DRAINAGE AREA.--11 mi².

PERIOD OF RECORD.--May 1983 to September 1987, March 1990 to December 1994, April 2003 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,400 ft above sea level, from topographic map.

REMARKS.--Records poor. [See schematic diagram of Lower Colorado River Basins.](#)

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 90 ft³/s, August 16, 1984, gage height 5.92 ft; minimum daily discharge 0.01 ft³/s, December 23, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1.8 ft³/s, March 3, gage height, 4.36 ft; minimum daily discharge, 0.10 ft³/s, on several days.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.0	e0.92	e0.44	e0.10	e0.16	e0.60	0.82	0.65	0.50	e0.55	e0.50	0.49
2	0.97	e0.66	e0.44	e0.10	e0.16	0.62	0.89	0.62	0.53	e0.55	e0.50	0.51
3	0.99	e0.64	e0.43	e0.10	e0.16	0.65	0.80	0.54	0.62	e0.55	e0.50	0.56
4	0.99	e0.63	e0.40	e0.11	e0.16	0.60	0.70	0.67	e0.60	e0.55	e0.50	0.50
5	0.99	e0.62	e0.34	e0.11	e0.16	0.57	0.68	0.72	e0.60	e0.55	e0.50	0.51
6	1.0	e0.61	e0.27	e0.13	e0.16	0.58	0.82	0.80	e0.60	e0.55	e0.50	0.53
7	0.99	e0.59	e0.22	e0.15	e0.16	0.60	0.73	0.88	e0.60	e0.55	e0.50	0.51
8	0.96	e0.59	e0.17	e0.16	e0.16	0.61	0.62	0.83	e0.60	e0.55	e0.50	0.50
9	0.97	e0.58	e0.14	e0.18	e0.16	0.60	0.57	0.91	e0.60	e0.55	e0.50	0.49
10	0.98	e0.58	e0.14	e0.19	e0.16	0.58	0.58	0.92	e0.60	e0.55	e0.50	0.54
11	0.96	e0.58	e0.14	e0.20	e0.16	0.57	0.57	0.88	e0.60	e0.55	e0.50	0.54
12	0.94	e0.57	e0.14	e0.20	e0.17	0.57	0.55	0.77	e0.60	e0.55	e0.50	0.51
13	0.95	e0.57	e0.14	e0.20	e0.17	0.57	0.58	0.63	e0.60	e0.55	e0.50	0.51
14	0.97	e0.56	e0.14	e0.21	e0.18	0.57	0.55	0.55	e0.60	e0.55	e0.50	0.53
15	e0.96	e0.55	e0.14	e0.21	e0.19	0.56	0.59	0.50	e0.60	e0.55	e0.50	0.41
16	e0.95	e0.48	e0.15	e0.21	e0.22	0.58	0.58	0.46	e0.60	e0.55	e0.50	0.40
17	e0.95	e0.46	e0.16	e0.20	e0.25	0.60	0.61	0.46	e0.60	e0.55	e0.50	0.36
18	e0.93	e0.45	e0.17	e0.20	e0.29	0.64	0.63	0.51	e0.60	e0.55	e0.50	0.36
19	e0.93	e0.44	e0.18	e0.20	e0.33	0.75	0.63	0.50	e0.60	e0.55	e0.50	0.38
20	e0.91	e0.43	e0.19	e0.20	e0.37	0.83	0.57	0.45	e0.60	e0.55	e0.50	0.42
21	e0.91	e0.41	e0.20	e0.19	e0.40	0.86	0.51	0.50	e0.55	e0.55	e0.50	0.41
22	e0.91	e0.41	e0.20	e0.18	e0.42	0.91	0.55	0.62	e0.55	e0.55	e0.50	0.41
23	e0.90	e0.41	e0.19	e0.17	e0.44	0.88	0.57	0.59	e0.55	e0.55	e0.50	0.40
24	e0.90	e0.42	e0.17	e0.16	e0.47	0.78	0.52	0.50	e0.55	e0.55	e0.50	0.38
25	0.89	e0.42	e0.14	e0.16	e0.49	0.77	0.71	0.40	e0.55	e0.55	e0.50	0.37
26	0.90	e0.43	e0.12	e0.16	e0.50	0.79	0.71	0.35	e0.55	e0.55	0.60	0.36
27	0.90	e0.43	e0.11	e0.16	e0.52	0.77	0.72	0.33	e0.55	e0.55	0.48	0.35
28	0.91	e0.43	e0.10	e0.16	e0.53	0.77	0.74	0.51	e0.55	e0.55	0.43	0.34
29	0.91	e0.42	e0.10	e0.16	e0.55	0.75	0.82	0.51	e0.55	e0.55	0.42	0.36
30	0.92	e0.42	e0.10	e0.16	---	0.75	0.77	0.47	e0.55	e0.55	0.42	0.32
31	0.92	---	e0.10	e0.16	---	0.74	---	0.49	---	e0.55	0.45	---
TOTAL	29.26	15.71	6.07	5.18	8.25	21.02	19.69	18.52	17.35	17.05	15.30	13.26
MEAN	0.94	0.52	0.20	0.17	0.28	0.68	0.66	0.60	0.58	0.55	0.49	0.44
MAX	1.0	0.92	0.44	0.21	0.55	0.91	0.89	0.92	0.62	0.55	0.60	0.56
MIN	0.89	0.41	0.10	0.10	0.16	0.56	0.51	0.33	0.50	0.55	0.42	0.32
AC-FT	58	31	12	10	16	42	39	37	34	34	30	26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 2004, BY WATER YEAR (WY)

MEAN	2.37	1.75	1.47	1.32	1.22	1.55	1.59	1.38	1.96	2.32	2.27	2.17
(WY)	(1984)	(1984)	(1984)	(1984)	(1984)	(1986)	(1986)	(1986)	(1983)	(1983)	(1983)	(1983)
MAX	5.97	4.08	3.37	2.67	2.68	3.72	3.55	4.00	7.22	10.8	9.14	7.43
(WY)	(1991)	(1993)	(1991)	(2004)	(2004)	(1992)	(1990)	(1991)	(1991)	(1991)	(1992)	(1990)
MIN	0.47	0.48	0.13	0.17	0.28	0.38	0.37	0.24	0.41	0.38	0.46	0.42

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SUMMARY STATISTICS	FOR 2004 WATER YEAR	WATER YEARS 1983 - 2004
ANNUAL TOTAL	186.66	
ANNUAL MEAN	0.51	1.68
HIGHEST ANNUAL MEAN		3.98 1984
LOWEST ANNUAL MEAN		0.43 1991
HIGHEST DAILY MEAN	1.0	16 Jul 30, 1983
LOWEST DAILY MEAN	0.10	Dec 28 0.01 Dec 23, 1990
ANNUAL SEVEN-DAY MINIMUM	0.10	Dec 28 0.02 Dec 22, 1990
MAXIMUM PEAK FLOW	1.8	Mar 3 90 Aug 16, 1984
MAXIMUM PEAK STAGE	4.36	Mar 3 5.92 Aug 16, 1984
ANNUAL RUNOFF (AC-FT)	370	1,220
10 PERCENT EXCEEDS	0.88	3.8
50 PERCENT EXCEEDS	0.54	1.0
90 PERCENT EXCEEDS	0.16	0.36

e Estimated